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1011 ***Stanislas Goriely, Carine Van Lint, Réza Dadkhah, Myriam Libin, Dominique De Wit, Dominique Demonté, Fabienne Willems, and Michel Goldman.*** A defect in nucleosome remodeling prevents *IL-12(p35)* gene transcription in neonatal dendritic cells

1017 ***Junchao Cai, Junglim Lee, Ewa Jankowska-Gan, Richard Derks, Jos Pool, Tuna Mutis, Els Goulmy, and William J. Burlingham.*** Minor H antigen HA-1–specific regulator and effector $CD8^+$ T cells, and HA-1 microchimerism, in allograft tolerance

1025 ***Sebastian A. Mikolajczak, Bruce Y. Ma, Tetsuya Yoshida, Ryoko Yoshida, David J. Kelvin, and Atsuo Ochi.*** The modulation of CD40 ligand signaling by transmembrane CD28 splice variant in human T cells

1033 ***Correction***

1035 ***Correction***

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1037 ***Carl W. Davis and Robert W. Doms.*** HIV transmission: closing all the doors

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1041 ***Stephan Mathas, Andreas Lietz, Ioannis Anagnostopoulos, Franziska Hummel, Burkhard Wiesner, Martin Janz, Franziska Jundt, Burkhard Hirsch, Korinna Jöhrens-Leder, Hans-Peter Vornlocher, Kurt Bommert, Harald Stein, and Bernd Dörken.*** c-FLIP mediates resistance of Hodgkin/Reed-Sternberg cells to death receptor–induced apoptosis

1053 ***Sylvain Cardinaud, Arnaud Moris, Michèle Février, Pierre-Simon Rohrlich, Laurence Weiss, Pierre Langlade-Demoyen, François A. Lemonnier, Olivier Schwartz, and André Habel.*** Identification of cryptic MHC I–restricted epitopes encoded by HIV-1 alternative reading frames

1065 ***Qinxue Hu, Ines Frank, Vennansha Williams, John J. Santos, Patricia Watts, George E. Griffin, John P. Moore, Melissa Pope, and Robin J. Shattock.*** Blockade of attachment and fusion receptors inhibits HIV-1 infection of human cervical tissue

1077 ***Wyndham W. Lathem, Tessa Bergsbaken, and Rodney A. Welch.*** Potentiation of C1 esterase inhibitor by StcE, a metalloprotease secreted by *Escherichia coli* O157:H7

1089 ***Parinaz Aliahmad, Emmett O'Flaherty, Peggy Han, Olivia D. Goularte, Beverley Wilkinson, Masanobu Satake, Jeffery D. Molkentin, and Jonathan Kaye.*** TOX provides a link between calcineurin activation and CD8 lineage commitment

1101 ***Melanie W. Quong, Annica Martensson, Anton W. Langerak, Richard R. Rivera, David Nemazee, and Cornelis Murre.*** Receptor editing and marginal zone B cell development are regulated by the helix-loop-helix protein, E2A

1113 ***M. Lucila Scimone, Thomas W. Felbinger, Irina B. Mazo, Jens V. Stein, Ulrich H. von Andrian, and Wolfgang Weninger.*** CXCL12 mediates CCR7-independent homing of central memory cells, but not naive T cells, in peripheral lymph nodes

1121 ***Tamar Aprahamian, Ian Rifkin, Ramon Bonegio, Bénédicte Hugel, Jean-Marie Freyssinet, Kaori Sato, John J. Castellot, Jr., and Kenneth Walsh.*** Impaired clearance of apoptotic cells promotes synergy between atherogenesis and autoimmune disease

1133 ***Emmanuel Zorn, David B. Miklos, Blair H. Floyd, Alex Mattes-Ritz, Luxuan Guo, Robert J. Soiffer, Joseph H. Antin, and Jerome Ritz.*** Minor histocompatibility antigen DBY elicits a coordinated B and T cell response after allogeneic stem cell transplantation

1143 ***Hsiang-Hsuan Sung, Jyuhn-Huarng Juang, Yu-Chun Lin, Chien-Hung Kuo, Jung-Tung Hung, An Chen, Der-Ming Chang, Sun-Yran Chang, Shie-Liang Hsieh, and Huey-Kang Sytwu.***

Transgenic expression of decoy receptor 3 protects islets from spontaneous and chemical-induced autoimmune destruction in nonobese diabetic mice

1153 ***Amy E. Juedes, Evelyn Rodrigo, Lisa Togher, Laurie H. Glimcher, and Matthias G. von Herrath.*** T-bet controls autoaggressive CD8 lymphocyte responses in type 1 diabetes

1163 ***Dmitrii Kamashev, Dominique Vitoux, and Hugues de Thé.*** PML–RARA-RXR oligomers mediate retinoid and rexinoid/cAMP cross-talk in acute promyelocytic leukemia cell differentiation

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1175 ***André Veillette.*** SLAM family receptors regulate immunity with and without SAP-related adaptors

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1179 ***Anja T.R. Jensen, Pamela Magistrado, Sarah Sharp, Louise Joergensen, Thomas Lavstsen, Antonella Chiucchiuini, Ali Salanti, Lasse S. Vestergaard, John P. Lusingu, Rob Hermsen, Robert Sauerwein, Jesper Christensen, Morten A. Nielsen, Lars Hviid, Colin Sutherland, Trine Staalsoe, and Thor G. Theander.*** *Plasmodium falciparum* associated with severe childhood malaria preferentially expresses PfEMP1 encoded by Group A *var* genes

1191 ***Sanjib Bhakta, Gurdyal S. Besra, Anna M. Upton, Tanya Parish, Carolyn Sholto-Douglas-Vernon, Kevin J.C. Gibson, Stuart Knutton, Siamon Gordon, Rosangela P. daSilva, Matthew C. Anderton, and Edith Sim.*** Arylamine *N*-acetyltransferase is required for synthesis of mycolic acids and complex lipids in *Mycobacterium bovis* BCG and represents a novel drug target

1201 ***Jonathan C. Kagan, Mary-Pat Stein, Marc Pypaert, and Craig R. Roy.*** *Legionella* subvert the functions of Rab1 and Sec22b to create a replicative organelle

1213 ***Leonid S. Metelitsa, Hong-Wei Wu, Hong Wang, Yujun Yang, Zamir Warsi, Shahab Asgharzadeh, Susan Groshen, S. Brian Wilson, and Robert C. Seeger.*** Natural killer T cells infiltrate neuroblastomas expressing the chemokine CCL2

1223 ***John M. Hwang, Jun Yamanouchi, Pere Santamaria, and Paul Kubes.*** A critical temporal window for selectin-dependent $CD4^+$ lymphocyte homing and initiation of late-phase inflammation in contact sensitivity

1235 ***Kevin M. McBride, Vasco Barreto, Almudena R. Ramiro, Pete Stavropoulos, and Michel C. Nussenzweig.*** Somatic hypermutation is limited by CRM1-dependent nuclear export of activation-induced deaminase

1245 ***Kyung-Mi Lee, Megan E. McNerney, Susan E. Stepp, Porunelloor A. Mathew, John D. Schatzle, Michael Bennett, and Vinay Kumar.*** 2B4 acts as a non–major histocompatibility complex binding inhibitory receptor on mouse natural killer cells

1255 ***Ninghai Wang, Abhay Satoskar, William Faubion, Duncan Howie, Susumu Okamoto, Stefan Feske, Charles Gullo, Kareem Clarke, Miriam Rodriguez Sosa, Arlene H. Sharpe, and Cox Terhorst.*** The cell surface receptor SLAM controls T cell and macrophage functions

1265 ***Patrick Schaerli, Lisa Ebert, Katharina Willimann, Andrea Blaser, Regula Stuber Roos, Pius Loetscher, and Bernhard Moser.*** A skin-selective homing mechanism for human immune surveillance T cells

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1277 ***Jiankun Tong, Eric J. Allenspach, Stephenie M. Takahashi, Purvi D. Mody, Chan Park, Janis K. Burkhardt, and Anne I. Sperling.*** CD43 regulation of T cell activation is not through steric inhibition of T cell–APC interactions but through an intracellular mechanism

1285 ***Martin A. Kriegel, Tobias Lohmann, Christoph Gabler, Norbert Blank, Joachim R. Kalden, and***

Hanns-Martin Lorenz. Defective suppressor function of human $CD4^+$ $CD25^+$ regulatory T cells in autoimmune polyglandular syndrome type II

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1293 ***Jennifer Bell.*** Publishing with the JEM—faster, brighter, and more accurate

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1295 ***Jean-Laurent Casanova and Laurent Abel.*** Human mannose-binding lectin in immunity: friend, foe, or both?

1301 ***Christian Münz.*** Epstein-Barr virus nuclear antigen 1: from immunologically invisible to a promising T cell target

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1305 ***Sucharita SenBanerjee, Zhiyong Lin, G. Brandon Atkins, Daniel M. Greif, Ravi M. Rao, Ajay Kumar, Mark W. Feinberg, Zhiping Chen, Daniel I. Simon, F. William Luscinskas, Thomas M. Michel, Michael A. Gimbrone Jr., Guillermo García-Cardeña, and Mukesh K. Jain.*** KLF2 is a novel transcriptional regulator of endothelial proinflammatory activation

1317 ***Asim K. Mandal, Zhongjian Zhang, Rabindranath Ray, Moonsuk S. Choi, Bhabadeb Chowdhury, Nagarajan Pattabiraman, and Anil B. Mukherjee.*** Uteroglobin represses allergen-induced inflammatory response by blocking PGD_2 receptor–mediated functions

1331 ***Nicolas Reymond, Anne-Marie Imbert, Elisabeth Devilard, Stéphanie Fabre, Christian Chabannon, Luc Xerri, Catherine Farnarier, Claudia Cantoni, Cristina Bottino, Alessandro Moretta, Patrice Dubreuil, and Marc Lopez.*** DNAM-1 and PVR regulate monocyte migration through endothelial junctions

1343 ***Frank Altznauer, Sibylla Martinelli, Shida Yousefi, Christine Thürig, Inès Schmid, Edward M. Conway, Martin H. Schöni, Peter Vogt, Christoph Mueller, Martin F. Fey, Uwe Zangemeister-Wittke, and Hans-Uwe Simon.*** Inflammation-associated cell cycle–independent block of apoptosis by survivin in terminally differentiated neutrophils

1355 ***Zhenyue Hao, Brigitte Hampel, Hideo Yagita, and Klaus Rajewsky.*** T cell–specific ablation of Fas leads to Fas ligand–mediated lymphocyte depletion and inflammatory pulmonary fibrosis

1367 ***Yoshihisa Yamano, Cyril J. Cohen, Norihiro Takenouchi, Karen Yao, Utano Tomaru, Hong-Chuan Li, Yoram Reiter, and Steven Jacobson.*** Increased expression of human T lymphocyte virus type I (HTLV-I) Tax11-19 peptide–human histocompatibility leukocyte antigen A*201 complexes on $CD4^+$ $CD25^+$ T cells detected by peptide-specific, major histocompatibility complex–restricted antibodies in patients with HTLV-I–associated neurologic disease

1379 ***Lei Shi, Kazue Takahashi, Joseph Dundee, Sarit Shahroor-Karni, Steffen Thiel, Jens Christian Jensenius, Faten Gad, Michael R. Hamblin, Kedarnath N. Sastry, and R. Alan B. Ezekowitz.*** Mannose-binding lectin-deficient mice are susceptible to infection with *Staphylococcus aureus*

1391 ***Morten Dahl, Anne Tybjærg-Hansen, Peter Schnohr, and Børge G. Nordestgaard.*** A population-based study of morbidity and mortality in mannose-binding lectin deficiency

1401 ***Irina Apostolou and Harald von Boehmer.*** In vivo instruction of suppressor commitment in naive T cells

1409 ***Steven P. Lee, Jill M. Brooks, Hatim Al-Jarrah, Wendy A. Thomas, Tracey A. Haigh, Graham S. Taylor, Sibille Humme, Aloys Schepers, Wolfgang Hammerschmidt, John L. Yates, Alan B. Rickinson, and Neil W. Blake.*** CD8 T cell recognition of endogenously expressed Epstein-Barr virus nuclear antigen 1

1421 ***Judy Tellam, Geoff Connolly, Katherine J. Green, John J. Miles, Denis J. Moss, Scott R. Burrows, and Rajiv Khanna.*** Endogenous presentation of $CD8^+$ T cell epitopes from Epstein-Barr virus–encoded nuclear antigen 1

1433 ***John R. Reed, Milica Vukmanovic-Stejic, Jean M. Fletcher, Maria Vieira D. Soares, Joanne E. Cook, Catherine H. Orteu, Sarah E. Jackson, Katie E. Birch, Graham R. Foster, Mike Salmon, Peter C.L. Beverley, Malcolm H.A. Rustin, and Arne N. Akbar.*** Telomere erosion in memory T cells induced by telomerase inhibition at the site of antigenic challenge in vivo

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1445 ***Kisaburo Nagamune, Alvaro Acosta-Serrano, Haruki Uemura, Reto Brun, Christina Kunz-Renggli, Yusuke Maeda, Michael A.J. Ferguson, and Taroh Kinoshita.*** Surface sialic acids taken from the host allow trypanosome survival in Tsetse fly vectors

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1451 ***David M. Tarlinton and Philip D. Hodgkin.*** Targeting plasma cells in autoimmune diseases

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1455 ***Qizhi Tang, Kammi J. Henriksen, Mingying Bi, Erik B. Finger, Greg Szot, Jianqin Ye, Emma L. Masteller, Hugh McDevitt, Mark Bonyhadi, and Jeffrey A. Bluestone.*** In vitro–expanded antigen-specific regulatory T cells suppress autoimmune diabetes

1467 ***Kristin V. Tarbell, Sayuri Yamazaki, Kara Olson, Priscilla Toy, and Ralph M. Steinman.*** $CD25^+$ $CD4^+$ T cells, expanded with dendritic cells presenting a single autoantigenic peptide, suppress autoimmune diabetes

1479 ***Ann E. Herman, Gordon J. Freeman, Diane Mathis, and Christophe Benoist.*** $CD4^+CD25^+$ T regulatory cells dependent on ICOS promote regulation of effector cells in the prediabetic lesion

1491 ***Sandra Odom, Gregorio Gomez, Martina Kovarova, Yasuko Furumoto, John J. Ryan, Harry V. Wright, Claudia Gonzalez-Espinosa, Margaret L. Hibbs, Kenneth W. Harder, and Juan Rivera.*** Negative regulation of immunoglobulin E–dependent allergic responses by Lyn kinase

1503 ***Sophie Paczesny, Jacques Banchereau, Knut M. Wittkowski, Giovanna Saracino, Joseph Fay, and A. Karolina Palucka.*** Expansion of melanoma-specific cytolytic $CD8^+$ T cell precursors in patients with metastatic melanoma vaccinated with $CD34^+$ progenitor-derived dendritic cells

1513 ***Tetiana A. Zaichuk, Emelyn H. Shroff, Rebekah Emmanuel, Stephanie Filleur, Thomas Nelius, and Olga V. Volpert.*** Nuclear factor of activated T cells balances angiogenesis activation and inhibition

1523 ***Gunther R. Galler, Cornelia Mundt, Mathew Parker, Roberta Pelanda, Inga-Lill Mårtensson, and Thomas H. Winkler.*** Surface μ heavy chain signals down-regulation of the V(D)J-recombinase machinery in the absence of surrogate light chain components

1533 ***Gabriele Pradel, Karen Hayton, L. Aravind, Lakshminarayan M. Iyer, Mitchell S. Abrahamsen, Annemarie Bonawitz, Cesar Mejia, and Thomas J. Templeton.*** A multidomain adhesion protein family expressed in *Plasmodium falciparum* is essential for transmission to the mosquito

1545 ***Francesca Bernassola, Paolo Salomoni, Andrew Oberst, Charles J. Di Como, Michele Pagano, Gerry Melino, and Pier Paolo Pandolfi.*** Ubiquitin-dependent degradation of p73 is inhibited by PML

1559 ***Jude E. Uzonna, Karen L. Joyce, and Phillip Scott.*** Low dose *Leishmania major* promotes a transient T helper cell type 2 response that is down-regulated by interferon γ–producing $CD8^+$ T cells

1567 ***Mübeccel Akdis, Johan Verhagen, Alison Taylor, Fariba Karamloo, Christian Karagiannidis, Reto Crameri, Sarah Thunberg, Günnur Deniz, Rudolf Valenta, Helmut Fiebig, Christian Kegel, Rainer***

Disch, Carsten B. Schmidt-Weber, Kurt Blaser, and Cezmi A. Akdis. Immune responses in healthy and allergic individuals are characterized by a fine balance between allergen-specific T regulatory 1 and T helper 2 cells

1577 ***Bimba F. Hoyer, Katrin Moser, Anja E. Hauser, Anette Peddinghaus, Caroline Voigt, Dan Eilat, Andreas Radbruch, Falk Hiepe, and Rudolf A. Manz.*** Short-lived plasmablasts and long-lived plasma cells contribute to chronic humoral autoimmunity in NZB/W mice

1585 ***Behazine Combadiere, Alexandre Boissonnas, Guislaine Carcelain, Evelyne Lefranc, Assia Samri, François Bricaire, Patrice Debre, and Brigitte Autran.*** Distinct time effects of vaccination on long-term proliferative and IFN-γ–producing T cell memory to smallpox in humans

1595 ***Ramon Arens, Koen Schepers, Martijn A. Nolte, Michiel F. van Oosterwijk, René A.W. van Lier, Ton N.M. Schumacher, and Marinus H.J. van Oers.*** Tumor rejection induced by CD70-mediated quantitative and qualitative effects on effector $CD8^+$ T cell formation

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1607 ***Shin-ichiro Fujii, Kang Liu, Caroline Smith, Anthony J. Bonito, and Ralph M. Steinman.*** The linkage of innate to adaptive immunity via maturing dendritic cells in vivo requires CD40 ligation in addition to antigen presentation and CD80/86 costimulation

1619 ***Petr Bocek, Jr., Gilles Foucras, and William E. Paul.*** Interferon γ enhances both in vitro and in vivo priming of $CD4^+$ T cells for IL-4 production

1631 ***Melissa W. Boulé, Courtney Broughton, Fabienne Mackay, Shizuo Akira, Ann Marshak-Rothstein, and Ian R. Rifkin.*** Toll-like receptor 9–dependent and –independent dendritic cell activation by chromatin–immunoglobulin G complexes

1641 ***Hiroaki Hemmi, Osamu Takeuchi, Shintaro Sato, Masahiro Yamamoto, Tsuneyasu Kaisho, Hideki Sanjo, Taro Kawai, Katsuaki Hoshino, Kiyoshi Takeda, and Shizuo Akira.*** The roles of two IκB kinase-related kinases in lipopolysaccharide and double stranded RNA signaling and viral infection

1651 ***Andrea K. Perry, Edward K. Chow, Julia B. Goodnough, Wen-Chen Yeh, and Genhong Cheng.*** Differential requirement for TANK-binding kinase-1 in type I interferon responses to Toll-like receptor activation and viral infection

1659 ***Junji Uchida, Yasuhito Hamaguchi, Julie A. Oliver, Jeffrey V. Ravetch, Jonathan C. Poe, Karen M. Haas, and Thomas F. Tedder.*** The innate mononuclear phagocyte network depletes B lymphocytes through Fc receptor–dependent mechanisms during anti-CD20 antibody immunotherapy

1671 ***Oscar Fernandez-Capetillo, C. David Allis, and André Nussenzweig.*** Phosphorylation of histone H2B at DNA double-strand breaks

1679 ***Malin R. Karlsson, Jarle Rugtveit, and Per Brandtzaeg.*** Allergen-responsive $CD4^+CD25^+$ regulatory T cells in children who have outgrown cow's milk allergy

1689 ***Christopher S. Seet, Rachel L. Brumbaugh, and Barbara L. Kee.*** Early B cell factor promotes B lymphopoiesis with reduced interleukin 7 responsiveness in the absence of E2A

1701 ***Takafumi Yoshida, Hisanobu Ogata, Masaki Kamio, Akiko Joo, Hiroshi Shiraishi, Yoko Tokunaga, Michio Sata, Hisaki Nagai, and Akihiko Yoshimura.*** SOCS1 is a suppressor of liver fibrosis and hepatitis-induced carcinogenesis

1709 ***Tetsuro Matano, Masahiro Kobayashi, Hiroko Igarashi, Akiko Takeda, Hiromi Nakamura, Munehide Kano, Chie Sugimoto, Kazuyasu Mori, Akihiro Iida, Takahiro Hirata, Mamoru Hasegawa, Takae Yuasa, Masaaki Miyazawa, Yumiko Takahashi, Michio Yasunami, Akinori Kimura, David H. O'Connor, David I. Watkins, and Yoshiyuki Nagai.*** Cytotoxic T lymphocyte–based control of simian immunodeficiency virus replication in a preclinical AIDS vaccine trial

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1719 ***Batu Erman, Terry I. Guinter, and Alfred Singer.*** Defined αβ T cell receptors with distinct ligand specificities do not require those ligands to signal double negative thymocyte differentiation

1725 ***Mark P. Eggena, Lucy S.K. Walker, Vijaya Nagabhushanam, Luke Barron, Anna Chodos, and Abul K. Abbas.*** Cooperative roles of CTLA-4 and regulatory T cells in tolerance to an islet cell antigen